

III. REMARKS

1. Claims 1-22 remain in the application. Claims 1, 11, and 21 have been amended.

2. Applicants submit that claims 1-22 are definite under 35 USC 112, second paragraph and comply with the written description requirement of 35 USC 112, first paragraph. Independent claims 1, 11, and 21 have been amended to recite that the position data about the reference point located in the vicinity of the wireless communication device is used to predict a pseudorange between the wireless communication device and a satellite of a positioning system.

Page 23, line 32 through page 24, line 25 clearly indicate that the location of the base station may be used as a default location for the wireless device and pseudoranges may be calculated with respect to the default location.

3. Applicants submit that claims 1-22 not anticipated by Bloebaum et al. (US 6,433,735, "Bloebaum").

Bloebaum fails to disclose or suggest using one or more reference points to predict a pseudorange between a wireless communication device and a satellite of a positioning system, as recited by claims 1, 11, and 21.

As mentioned previously, equation 6 on page 24 of the present specification expresses that the pseudorange measurement is a function of the GPS time and the estimated location of the wireless communication device of the user. Equation 1 on page 6 expresses that the GPS time is the function of the measurements of the time data (time of week, TOW) contained in the last

received subframe, the time in seconds corresponding to the number of C/A epochs received after the beginning of the last received subframe, and the code phase of whole chips received after the change of the last epoch. This also means that the pseudorange measurement in Equation 6 is a function of at least some the components of Equation 1.

Applicants find no disclosure related to these features, in particular, using position data to predict a pseudorange between the wireless communication device and a satellite of a positioning system, in Bloebaum.

In paragraph 7 of the Final Office Action mailed 10 June 2005, the Examiner states that Bloebaum utilizes the position of the base station as a default position to acquire GPS signals for subsequently determining position in the conventional manner, which is the calculation of pseudoranges between the device and a plurality of satellites. Applicants respectfully disagree because Bloebaum only seems to indicate that "aiding data":

may be provided to improve the performance of the mobile terminal 110, such as reducing time-to-first-fix (TTFF), or increasing the sensitivity of the mobile terminal 110 so that signals from the positioning satellite 112 (e.g. a GPS satellite) may be acquired by the mobile terminal in difficult radio propagation environments. (Column 2, lines 62-67)

A careful reading of Bloebaum does not find any disclosure related to predicting or calculating a pseudorange. Therefore Applicants respectfully submit that Bloebaum fails to anticipate independent claims 1, 11, and 21, and dependent claims 2-10, 12-20, and 22.


For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are

clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

A check in the amount of \$1120.00 is enclosed for the RCE fee and an extension of time (\$790.00 + \$450.00 - \$120.00 = \$1120.00, note that a 1 month extension fee of \$ 120.00 was paid on 11 October 2005).

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,


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10 November 2005
Date

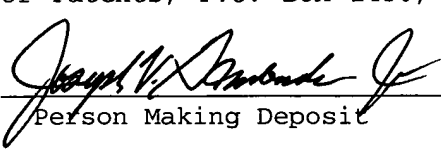
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date indicated below as first class mail in an envelope addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria VA 22313-1450.

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